

ABSTRACT OF THE DISCLOSURE

The present invention relates to provide a technology which can detect a disk drive with degradation in the performance even if the disk drive itself does not comprise a
5 function to detect degradation in the performance and which can realize a disk array apparatus which meets a request of a customer by changing a detection level of the degradation in the performance. In the apparatus, a disk controller: generates logical storage areas used for writing or reading data and
10 having redundancy to store data, using the storage areas in the plurality of disk drive; monitors the storing areas in which a request for writing/reading data into/from the plurality of disk drives forming the logical storage areas is stored; and specifies, among the plurality of disk drives forming the
15 logical storage areas, a disk drive having a large number of repeated times and block the specified disk drive.